

①² 15. The color measuring device as set forth in claim 3 wherein said filter/photodetector pairs provide a plurality of long-wavelength-pass electro-optical filters.

16. The color measuring device as set forth in claim 3 wherein said filter/photodetector pairs are disposed in an array.

17. The color measuring device as set forth in claim 3 wherein one of said filter/photodetector pairs has a responsivity extending over an entire visible spectrum.

Remarks

This Amendment is responsive to the Office Action of **May 22, 2002**. Reconsideration of the rejection of **Claims 13 and 15-17** is respectfully requested. The indication of allowability with respect to **Claims 3-11** is acknowledged and appreciated.

Dependent **Claim 14** was indicated to contain allowable subject matter. This claim has been re-written as independent **Claim 13** by including the limitations from this base claim. Claim 14 has been canceled. Thus, independent **Claim 13** is now in condition for allowance.

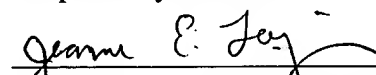
The Claim Objections

Claims 15-17 were objected to as lacking antecedent basis for the filter/photodetector pair limitation. These claims have been amended to depend from allowable Claim 3, and thus do provide the required antecedent basis.

Conclusion

For the reasons set forth above, **Claims 3-11 and 13, and 15-17** patentably and unobviously distinguish over the references of record and are now in condition for allowance. An early allowance of all claims is earnestly solicited.

Respectfully submitted,


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Marked Up Version of Amended Claims:

Cancel Claims 1 and 2.

Re-write independent Claim 13, to include the subject matter of dependent Claim 14 indicated to contain allowable subject matter, as follows:

13. (Amended) A process for measuring a color of an object comprising the steps of:

filtering light from the object with a plurality of filters responsive across overlapping wavelength regions at longer wavelengths of the visible spectrum;

detecting the filtered light and generating a plurality of light signals representative of the filtered light detected;

reading the plurality of light signals in parallel;

wherein the reading includes accumulating the plurality of light signals for a selected time period; and

generating output signals based on the plurality of light signals read which represent the color of the object.

Cancel Claim 14.

15. (Amended) The color measuring device as set forth in claim [1] 3 wherein said filter/photodetector pairs provide a plurality of long-wavelength-pass electro-optical filters.

16. (Amended) The color measuring device as set forth in claim [1] 3 wherein said filter/photodetector pairs are disposed in an array.

17. (Amended) The color measuring device as set forth in claim [1] 3 wherein one of said filter/photodetector pairs has a responsivity extending over an entire visible spectrum.